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CRMP-5 neuronal autoantibody: marker of li cancer and thymoma-related autoimmunity.

Yu Z, Kryzer TJ, Griesmann GE, Kim K, Benarroch E
VA.

Department of Immunology, Mayo Clinic, Rochester, MN
USA.

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We have defined a new paraneoplastic immunoglobulin G (IgG) autoantibody specific for CRMP-5, a previously unknown (neuro) neuronal cytoplasmic protein of the collapsin response-mec CRMP-5 is in adult central and peripheral neurons, including and in small-cell lung carcinomas. Since 1993, our Clinical Neuroimmunology Laboratory has detected CRMP-5-IgG in patients among approximately 68,000 whose sera were sub standardized immunofluorescence screening because a sub neurological presentation was suspected to be paraneoplast makes CRMP-5 autoantibody as frequent as PCA-1 (anti-Y autoantibody, second only to ANNA-1 (anti-Hu). Clinical i

obtained for 116 patients, revealed multifocal neurological remarkable were the high frequencies of chorea (11%) and neuropathy (17%, including 10% loss of olfaction/taste, 7% neuropathy). Other common signs were peripheral neuropathy (31%), cerebellar ataxia (26%), subdementia (25%), and neuromuscular junction disorders (12%). CSF fluid was inflammatory in 86%, and CRMP-5-IgG in 37% significantly exceeded serum titers. Lung carcinoma (mostly small-cell) was found in 77% of patients; thymoma was in those remaining had miscellaneous neoplasms; all but two smokers. Serum IgG in all cases bound to recombinant CRMP-5 (predominantly N-terminal epitopes), but not to human CRMP-3.

PMID: 11220734 [PubMed - indexed for MEDLINE]

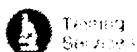
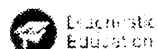
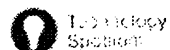
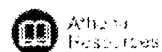
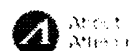
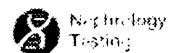
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Type of Disorder: Paraneoplastic Syndromes
Disease(s) tested for: CV2 paraneoplastic syndrome
 Paraneoplastic neurological disorders (PNDs)
Synonym(s): POP66
 ULIP

Test Details

Test Code: 123
Profiles that Contain this Test: NeoCerebellar Degeneration Paraneoplastic Profile
NeoComplete Paraneoplastic Profile
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Price: \$215
Special Notes: NEW from Athena Diagnostics as of 10/2/2000. CV2 is also known as POP66 and ULIP.
References: Paraneoplastic Syndromes

Technical Information

Utility: Detection of anti-CV2 autoantibodies using recombinant human antigens.
Methodology: Western blot
Reference Value: Negative
CPT Code(s): 84182 (1)
Patents: Pending

Shipping Considerations

Specimen Type: Serum preferred or whole blood
Minimum Volume: 1 (2ml) serum or 1 (8.5ml) whole blood
Collection Tube: Red top
Storage Conditions: Refrigerate if not shipped same day. Serum stable up to two weeks. Ship whole blood immediately.
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Conditions: Room temperature, ship same day
Test Setup: Tuesday, Thursday
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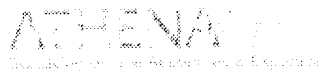
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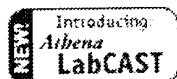
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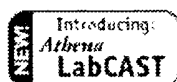
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References

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Voltz, R. et al., A serologic marker of paraneoplastic limbic and brain-stem encephalitis in patients with testicular cancer. The New England Journal of Medicine 1999; 340:1788-1795.

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Dalmau, J. et al., Ma1, a novel neuron- and testis-specific protein, is recognized by the serum of patients with paraneoplastic neurological disorders. Brain 1999; 122:27-39

Sillevis-Smitt, P. et al., Pitfalls in the diagnosis of autoantibodies associated with paraneoplastic neurologic disease. Neurology 1996; 46:1739-1741.

Sanders, D. Lambert-Eaton Myasthenic Syndrome: Clinical Diagnosis, Immune-mediated Mechanisms, and Update on Therapies. Annals of Neurology 1995; 37(S1):S63-S73.

Motomura, M. et al., An improved diagnostic assay for Lambert-Eaton myasthenic syndrome. Journal of Neurology, Neurosurgery, & Psychiatry 1995; 58:85-87.

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